

Werk

Label: Table of literature references

Jahr: 1976

PURL: https://resolver.sub.uni-goettingen.de/purl?31311157X_0101|log112

Kontakt/Contact

[Digizeitschriften e.V.](#)
SUB Göttingen
Platz der Göttinger Sieben 1
37073 Göttingen

✉ info@digizeitschriften.de

Proof. For $F(H, L, K) = K - \text{const.}$, we get

$$\begin{aligned}\kappa(u, v, w) &= 3u^2v^2 - u^2w^2 - v^2w^2 + 6u^2vw + 6uv^2w + 2uvw^2 = \\ &= 4(u + v + w)uvw - (uv + uw + vw)^2 + 4uv(uv + uw + vw).\end{aligned}$$

Thus (22₂) implies (15). QED.

Bibliography

- [1] *U. Simon*: A further method in global differential geometry. *Abh. Math. Sem. Hamburg*, 44 (1975), 52–69.

Author's address: 771 46 Olomouc, Leninova 26, ČSSR (Přírodovědecká fakulta UP).